

Corporate Member Feature: Arcplus Group PLC. Shanghai Xian Dai Architectural Decoration & Landscape Design Research Institute Co., Ltd.

Arcplus Group PLC is a high-tech listed enterprise based on foresight technology, which is positioned as an integrated service provider offering high-quality comprehensive solutions for urban development. Shanghai Xian Dai Architectural Decoration & Landscape Design Research Institute Co., Ltd. (hereinafter referred to as: SHXDADL) is a subsidiary of Arcplus Group PLC, and also the first company engaged "Environment Design" in Shanghai.

Since its establishment in 1999, SHXDADL has completed more than 1,000 influential public building projects at home and abroad, with landmark design works in more than 30 regions, and won more than 450 design awards.

Our team has long been committed to the whole lifecycle of landscape project, and dedicated to exploring the combination of ecological technology and landscape art. We have been actively exploring landscape practice fields such as brownfield restoration, large parks and green areas, urban renewal, rural revitalization, waterfront ecological landscape, especially We have conducted successful practice and research in the systematic management of highland lakes, ecological corridor construction and ecological restoration of lakeshore zones.

We believe that elements in nature interact with each other following their own laws. Based on natural solutions, we seek to make landscape more valuable and make life of higher quality.

1. The Shanghai Garden of the 2019 Beijing World Horticultural Exhibition, China, 2017-2019: Auspicious Cloud

The 2019 Beijing World Horticultural Exposition was held in Yanqing District, Beijing, China. It is a A1 level horticultural exposition which is the highest level and certified by International Association of Horticultural Producers (IAHP) and the Bureau of International Exhibitions (BIE). The Shanghai Garden Exhibition is located adjacent to the China Pavilion and the Beijing Garden Exhibition, with a total area of 2,850 square meters.



With the theme of “auspicious cloud”, Shanghai Garden presents a harmonious picture of “the auspicious clouds bring good luck, while the refreshing rain nourishing all creatures” through the techniques of gardening, expressing the blessings for China and the wishes for a better life. The Garden is divided into six areas: Cloud Stairs, Cloud Shadow, Cloud Clothes, Cloud Hill, Cloud Nest and Cloud Nest. While presenting the achievements of horticulture, it also displays the unique Shanghai-style gardening culture and local characteristics. There created nine characteristic areas, including Shade Plant Garden, Rock Garden, Iris Garden, Herb Garden, Ornamental Grass Garden, Aquatic Forest Garden, Flower Border Garden, Vertical Greening Garden and Terrace Garden.



The Shanghai garden put emphasis on ground cover plants. It designs several different type of flower border with over 300 plant species including biennial plants and perennial flowers like alum root, iris and hydrangea. Parametric design, prefabricated construction and ecological Water purification technology also play an important role in the project.

The exhibition garden has a fascinating horticultural style, changing trails, excellent gardening

experience, small but rich in content, reflecting the characteristics and development achievements of Shanghai style Garden. It shows visitors an impressive urban exhibition garden. In the end, the Shanghai Garden won the AIPH Award and the Organizing Committee Award.



2. Shanghai Expo Culture Park, China, Since 2018



Huangpu River winds smoothly, and the Expo Culture Park located on the core waterfront bank of the Huangpu River, adjacent to Lupu Bridge and the current Expo Park, is an important part of the Ecological corridor of the Huangpu River. As the largest central Park in the core area of Shanghai, the Construction of the Expo Cultural Park using the remains of the Expo, the Back Beach and surrounding areas is a major measure to improve the ecological system of Shanghai, improve the quality of space, carry on the Spirit of the Expo, and build an outstanding global city.



Expo culture park a total land area of 188 hectares, with "cultural integration innovation, people get together to share, ecological natural sustainable" as the goal, parks are experienced in the history of

iron and steel, the world expo, three stages after the world expo period, reviewed the development of history the land with the Shanghai city and the surrounding urban residents. The park design reflects the harmonious coexistence of man and nature, highlighting the charm and vitality of the city, making Shanghai truly become a "better city for life".



In the southeast side of the Expo Cultural Park, a 48-meter-high artificial mountain forest with two peaks in the east and west facing each other is called "Twin Mountains", which is the largest artificial natural ecological body in Shanghai. It not only meets the ardent expectation of Shanghai citizens for the ecology of urban parks, but also responds to the grand blueprint of national park city construction.



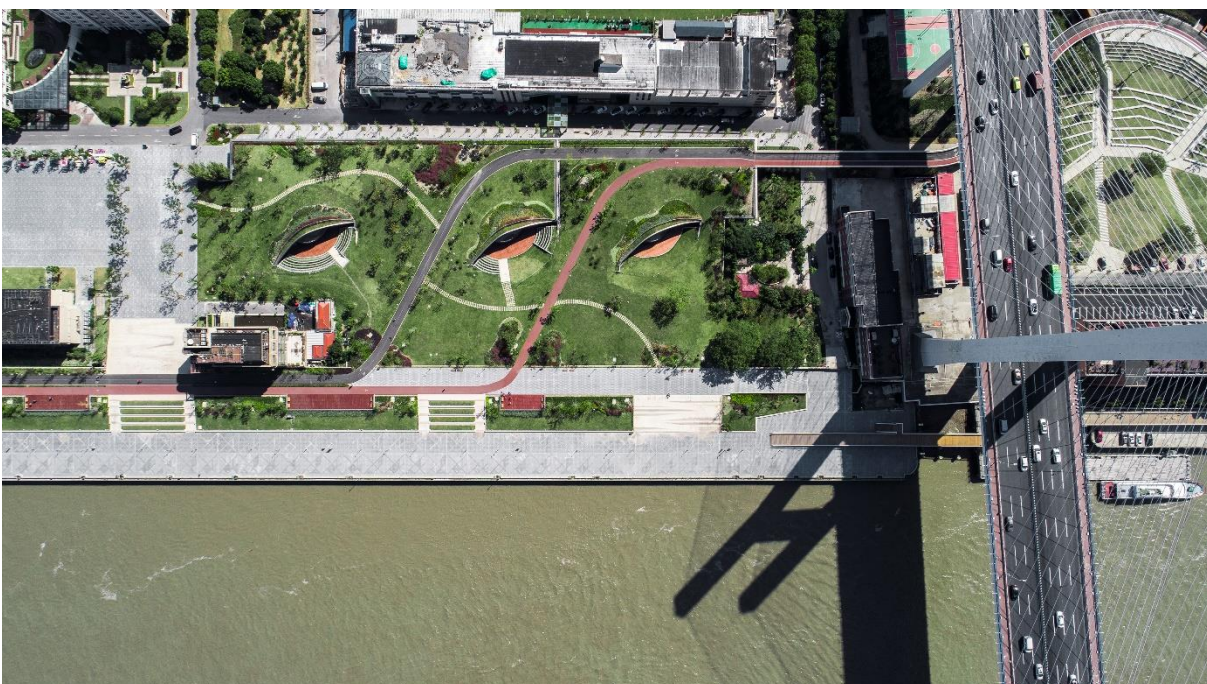
The world Flower Garden on the southwest side of the Expo Culture Park is a fantastic and magnificent flower scenery. Adhering to the spirit of the World Expo in the design of the world flower garden, the collection of all kinds of classical garden styles in the world to create 5 flower garden of different styles, showing the highest level of horticulture in Shanghai. At the same time, the garden plans to hold the annual international flower art exhibition, hoping to show the elegance of Shanghai horticulture to the world, so as to promote the green horticulture culture of Shanghai city.



3. Huangpujiang Waterfront Park, China,2015-2019



As the most symbolic landmark area in Shanghai, the area on both sides of Huangpu River is the core function bearing area, iconic urban space and important urban development corridor of Shanghai. The project green area is subordinate to the Expo area and is an important part along the river in the Pudong riverfront through project. Through the riverfront green area through and landscape renovation and upgrading project, it will enhance the landscape and human environment of the Expo area and has an indispensable impact on the overall planning and transformation. The project is located in the Huangpu River E20 unit E-1-1c plot, covering an area of 68,268 square meters.



The multi-disciplinary design team, mainly landscape architects, follows the general requirements of "development as the key, people as the basis, ecology as the foundation and culture as the soul", strengthening the whole, dislocation and compound in function, promoting openness, system and vitality in space, achieving increase, networking and quality in ecology, emphasizing inheritance, sharing and leading in culture, and reflecting beauty, order and coordination in landscape. The cultural emphasis is on heritage, sharing and leading, and the landscape reflects beauty, order and coordination. Build a world-class waterfront complex functional belt. Here, in addition to daily recreation, the public can enjoy the beautiful skyline of Shanghai, but also to participate in various important cultural activities, is the real return of waterfront space to the public.



4. Erhai Ecological Restoration Project, China,2018-2021



Erhai Lake, the main lake in Dali, and the second largest highland lake in Yunan Province, is located at the foot of Cangshan Mountain on the southwestern border of China. It plays a vital role in connecting residents of towns around the lake spiritually with mother nature. Utilizing this unique attachment to the waterscape, the design team maximized ecological benefit with minimal human intervention. The design reinvigorates Dali City's iconic yet filthy water and restores the landscape, environment, and habitat of endangered species while supporting the needs of nearby industry and agriculture.



This project established a 129-kilometer-long, 9 square kilometers in area open reservation area along Erhai Lake. Its water quality and biodiversity have significantly improved, providing a sustainable lake restoration strategy and system for organizations worldwide.





5. Sheshan Shimao InterContinental Shanghai Wonderland, China,2017-2019



InterContinental Shanghai Wonderland Hotel is located in Songjiang District, Shanghai, and is known as an architectural wonder of the world, being the first five-star hotel in the world to be constructed inside an abandoned quarry. The site is a deserted quarry nearly 100 meters deep and about a kilometer in circumference, just like an urban scar exposed on the surface. The landscape design seeks the best way to repair and make up for the natural scars from itself.



The landscape design has addressed the actual conditions of the site, proposed different design concepts and meant to meet the requirement of safety insurance, ecological restoration, and multiple experiences, with solving difficulties including flooding caused by the topography, outdoor safety escape routes, ecological restoration of the cliff structure and cultural activities. All the effort finally

makes this project a successful precedent.

